

CABI BIOSCIENCE  
EOGHAM LIBRARY

12 DEC 2006

# BOTHALIA

VOLUME 36

INDEX



SOUTH AFRICAN

national  
biodiversity  
institute

S A N B I

ISSN 0006 8241

2006



# BOTHALIA

A JOURNAL OF BOTANICAL RESEARCH

**Volume 36**

Scientific Editor: G. Germishuizen  
Technical Editor: B.A. Momberg



2 Cussonia Avenue, Brummeria, Pretoria / Private Bag X101, Pretoria 0001

ISSN 0006 8241

2006

## New combinations, hybrid, names, species, status and variety in Bothalia 36 (2006)

**Aloe kaokoensis** *Van Jaarsv., Swanepoel & A.E.van Wyk*, sp nov., 75  
**Aloe vanroouyenii** *Gideon F.Sm. & N.R.Crouch*, sp. nov., 73  
**Clivia × nimbicola** *Z.H.Swanevelder, J.T.Truter & A.E.van Wyk*, nothosp. nov., 78  
**Clivia robusta** *B.G.Murray, Y.Ran, P.J.De Lange, K.R.W.Hammett, J.T.Truter & Z.H.Swanevelder* var. **citrina**  
    *Z.H.Swanevelder, A.Forbes-Hardinge, J.T.Truter & A.E.van Wyk*, var. nov., 67  
**Commiphora gariepensis** *Swanepoel*, sp. nov., 52  
**Commiphora steynii** *Swanepoel*, sp. nov., 45  
**Corchorus argillicola** *M.J.Moeaha & P.J.D.Winter*, sp. nov., 169  
**Drimia montana** *A.P.Dold & E.Brink*, sp. nov., 64  
**Erica euryphylla** *R.C.Turner*, sp. nov., 35  
**Erica turneri** *E.G.H.Oliv.*, sp. nov., 33  
**Ixia amethystina** *J.C.Manning & Goldblatt*, sp. nov., 139  
**Lachenalia cernua** *G.D.Duncan*, sp. nov., 150  
**Lachenalia lutea** *G.D.Duncan*, sp. nov., 147  
**Lachenalia nardousbergensis** *G.D.Duncan*, sp. nov., 152  
**Maerua kaokoensis** *Swanepoel*, sp. nov., 81  
**Moraea marginata** *J.C.Manning & Goldblatt*, sp. nov., 141  
**Nemesia hemiptera** *K.E.Steiner*, sp. nov., 42  
**Nemesia williamsonii** *K.E.Steiner*, sp. nov., 39  
**Ornithogalum glutinosum** *J.C.Manning & Goldblatt*, nom. nov., 87  
**Ornithogalum kirstenii** *J.C.Manning & Goldblatt*, sp. nov., 86  
**Ornithogalum neopatersonia** *J.C.Manning & Goldblatt*, nom. nov., 88  
**Ornithogalum soleae** *J.C.Manning & Goldblatt*, nom. nov., 88  
**Ornithogalum volutare** *J.C.Manning & Goldblatt*, nom. nov., 88  
**Pentaschistis clavata** *C.A.Galley*, sp. nov., 159  
**Pentaschistis horrida** *C.A.Galley*, sp. nov., 160  
**Pentaschistis trifida** *C.A.Galley*, sp. nov., 157  
**Polypogon griquensis** (*Stapf*) *Gibbs Russ. & L.Fish*, comb. nov., 71  
**Romulea singularis** *J.C.Manning & Goldblatt*, sp. nov., 142  
**Spiloxene nana** *Snijman*, sp. nov., 133  
**Spiloxene pusilla** *Snijman*, sp. nov., 135  
**Sporobolus oxyphyllus** *L.Fish*, sp. nov., 71  
**Tritonia gladiolaris** (*Lam.*) *Goldblatt & J.C.Manning*, comb. nov., 57  
**Tritonia securigera** (*Sol. in Aiton*) *Ker Gawl.* subsp. **watermeyeri** (*L.Bolus*) *J.C.Manning & Goldblatt*, comb. et stat. nov., 60

## CONTENTS

	<small>Page</small>	<small>Date</small>
No. 1	1–131	May 2006
No. 2	133–253	Oct. 2006
BESTER, S.P. New records of <i>Adenium boehmianum</i> in the FSA region (Apocynaceae) .....		
63		
BREDENKAMP, C.L. & VAN WYK, A.E. Phytogeography of <i>Passerina</i> (Thymelaeaceae) .....		
191		
BRINK, E. Obituary: Helen Joyce Vanderplank (1919–2005) .....		
129		
BURGOYNE, P.M. The identity of <i>Ruschia promontorii</i> (Mesembryanthemaceae) .....		
163		
BURGOYNE, P.M. Review: Plants of the Simen. A flora of the Simen Mountains and surroundings, northern Ethiopia, by Christian Puff & Sileshi Nemomisa, 2005 .....		
253		
CRAVEN, P. & VORSTER, P. Patterns of plant diversity and endemism in Namibia .....		
175		
CUPIDO, C.N. A taxonomic revision of the genus <i>Merciera</i> (Campanulaceae) .....		
1		
DOLD, A.P. & BRINK, E. <i>Drimia montana</i> (Urgineoideae), a new species from Eastern Cape, South Africa (Hyacinthaceae) .....		
64		
DUNCAN, G.D. & EDWARDS, T.J. Three new species of <i>Lachenalia</i> (Hyacinthaceae: Massonieae) from Western and Northern Cape, South Africa .....		
147		
FISH, L. Concept of <i>Stipagrostis uniplumis</i> var. <i>uniplumis</i> redefined to include specimens with hairy glumes (Poaceae) .....		
69		
FISH, L. A long-awaited name change in <i>Polypogon</i> (Poaceae) .....		
70		
FISH, L. A new species of <i>Sporobolus</i> (Sporobolinae) in South Africa (Poaceae) .....		
71		
GALLEY, C.A. & LINDER, H.P. New species and taxonomic changes within <i>Pentaschistis</i> (Danthonioideae, Poaceae) from Western Cape, South Africa .....		
157		
GERMISHUIZEN, G. Review: Legumes of the world, edited by Gwilym Lewis, Brian Schrire, Barbara Mackinder & Mike Lock, 2005 .....		
253		
GOLDBLATT, P. & MANNING, J.C. Notes on the systematics and nomenclature of <i>Tritonia</i> (Iridaceae: Crocoideae) .....		
57		
HENDERSON, L. Comparisons of invasive plants in southern Africa originating from southern temperate, northern temperate and tropical regions .....		
201		
KLOPPER, R.R., LEMMER, P. & NEL, J. <i>Cheilanthes deltoidea</i> , a new locality in Gauteng, South Africa (Pteridophyta: Pteridaceae) .....		
173		
MANNING, J.C. & GOLDBLATT, P. <i>Ornithogalum kirstenii</i> ( <i>Albuca</i> group), a new species from Western Cape, South Africa, and new combinations in the group (Hyacinthaceae) .....		
86		
MANNING, J.C. & GOLDBLATT, P. New species of Iridaceae from the Hantam-Roggeveld Centre of Endemism, and the Bokkeveld, Northern Cape, South Africa .....		
139		
McKENZIE, R.J., HERMAN, P.P.J. & BARKER, N.P. <i>Arctotis decurrens</i> (Arctotideae), the correct name for <i>A. merxmulleri</i> and <i>A. scullyi</i> (Asteraceae) .....		
171		
MOEHAHA, M.J. A new species of <i>Corchorus</i> in southern Africa (Malvaceae) .....		
168		
MOMBERG, B.A. Compiler. South African National Biodiversity Institute: administration and research staff 31 March 2006, publications 1 April 2005–31 March 2006 .....		
223		
MOTEETEE, A. & VAN WYK, B-E.. Sesotho names for exotic and indigenous edible plants in southern Africa .....		
25		
NELSON, E.C. 'Forsyth (fl. 1835)': a phantom botanical collector at the Cape of Good Hope explained .....		
167		
SEBOLA, R.J. & BALKWILL, K. Reappraisal and identification of <i>Olinia rochetiana</i> (Oliniaceae) in South Africa .....		
91		
SINGH, Y. <i>Hypoxis</i> (Hypoxidaceae) in Africa: list of species and infraspecific names .....		
13		
SMITH, G.F. & CROUCH, N.R. <i>Aloe vanrooyenii</i> : a distinctive new maculate aloe from KwaZulu-Natal, South Africa (Asphodelaceae) .....		
73		
SMITH, G.F. & CROUCH, N.R. Corrections to the eponymy and geographical distribution of <i>Aloe vanrooyenii</i> (Asphodelaceae) .....		
174		
SNIJMAN, D.A. Two new species of <i>Spiloxene</i> (Hypoxidaceae) from the northwestern Cape, South Africa .....		
133		
STEINER, K.E. Two new species of <i>Nemesia</i> (Scrophulariaceae) from southern Africa .....		
39		
SWANEPOEL, W. Two new species of <i>Commiphora</i> (Burseraceae) from southern Africa .....		
45		
SWANEPOEL, W. <i>Maerua kaokoensis</i> , a new species from Namibia (Capparaceae) .....		
81		
SWANEVELDER, Z.H., FORBES-HARDINGE, A., TRUTER, J.T. & VAN WYK, A.E. A new variety of <i>Clivia robusta</i> (Amaryllidaceae) .....		
66		
SWANEVELDER, Z.H., TRUTER, J.T. & VAN WYK, A.E. A natural hybrid in the genus <i>Clivia</i> (Amaryllidaceae) .....		
77		
TILNEY, P.M. & VAN WYK, A.E. Correct author citations for names of three southern African species of <i>Canthium</i> (Rubiaceae) .....		
68		

TURNER, R.C. & OLIVER, E.G.H. Two new species of <i>Erica</i> (Ericaceae) from the Langeberg, Western Cape, South Africa .....	33
VAN JAARSVELD, E.J., SWANEPOEL, W. & VAN WYK, A.E. <i>Aloe kaokoensis</i> , a new species from the Kaokoveld, northwestern Namibia (Asphodelaceae) .....	75
VICTOR, J.E. Data deficient flags for use in the Red List of South African plants .....	85
WEIERSBYE, I.M., WITKOWSKI, E.T.F. & REICHARDT, M. Floristic composition of gold and uranium tailings dams, and adjacent polluted areas, on South Africa's deep-level mines .....	101

## INDEX

acid mine drainage (AMD), 101  
*Acrodon N.E.Br.*, 163  
 purpleostylus (*L.Bolus*) *Burgoyne*, 166  
*Adenium boehmianum* *Schinz*, 63  
 Africa, 13  
 South, 1, 33, 45, 64, 71, 73, 91, 133, 139, 147, 157, 173  
 southern, 25, 39, 45, 57, 63, 68, 168, 201  
 Afromontane, 191  
*Agrostis griguensis* *Stapf*, 71  
*Albuca* group, Ornithogaloideae, Hyacinthaceae, 86  
 alien invasive plants, 201  
*Aloe*  
 kaokoensis *Van Jaarsv.*, *Swanepoel & A.E.van Wyk*, 75  
 vanrooyenii *Gideon F.Sm. & N.R.Crouch*, 73, 174  
*Amaryllidaceae*, 67, 77  
*Amphibolia L.Bolus ex A.G.J.Herre*, 163  
 laevis (*Aiton*) *H.E.K.Hartmann*, 166  
*Antimima promontorii* *Desmet*, 166  
*Apocynaceae*, 63  
*Arctotidiae*, tribe, Asteraceae, 171  
*Arctotis*  
 decurrens *Jacq.*, 172  
 merxmulleri *Friedrich*, 172  
 scullyi *Dümmer*, 172  
*Asphodelaceae*, 73, 75, 174  
*Asteraceae*, 171  
 author citations, 68  
 Balkwill, K., 91  
 Barker, N.P., 171  
 Bester, S.P. New records of *Adenium boehmianum* in the FSA region (Apocynaceae), 63  
 Bokkeveld, Northern Cape, 139  
 book reviews, 253  
 botanical collector, 167  
 Bredenkamp, C.L. & Van Wyk, A.E. Phytogeography of *Passerina* (Thymelaeaceae), 191  
 Brink, E., 64  
 Brink, E. Obituary: Helen Joyce Vanderplank (1919–2005), 129  
 Burgoyne, P.M. The identity of *Ruschia promontorii* (Mesembryanthemaceae), 163  
 Burgoyne, P.M. Review: Plants of the Simen. A flora of the Simen Mountains and surroundings, northern Ethiopia, by Christian Puff & Sileshi Nemomisa, 2005, 253  
*Burseraceae*, 45  
*Campanulaceae*, 1  
*Canthium*  
 ciliatum (*Klotzsch ex Eckl. & Zeyh.*) *Kuntze*, 68  
 kuntzeanum *Bridson*, 68  
 pauciflorum (*Klotzsch ex Eckl. & Zeyh.*) *Kuntze*, 68  
 spinosum (*Klotzsch ex Eckl. & Zeyh.*) *Kuntze*, 68  
 Cape  
 Eastern, 64  
 Floristic Region, 157, 191  
 Northern, 139, 147  
 northwestern, 133  
 of Good Hope, 167  
 Western, 1, 33, 147, 157, 163  
*Capparaceae*, 81  
*Carpacoce heteromorpha* (*H.Buek*) *Bolus*, 8  
 checklist of Namibian endemic plants, 184  
*Cheilanthes deltoidea* *Kunze*, 173  
*Clivia*  
 robusta *B.G.Murray, Y.Ran, P.J.De Lange, K.R.W. Hammet, J.T.Truter & Z.H.Swanevelder* var. *citrina* *Z.H.Swanevelder, A.Forbes-Hardinge, J.T.Truter & A.E.van Wyk*, 67  
 × *nimbicola* *Z.H.Swanevelder, J.T.Truter, & A.E.van Wyk*, 78  
 comb nov., 60, 71  
*Commiphora Jacq.*, 45  
 gariepensis *Swanepoel*, 52  
 steynii *Swanepoel*, 45  
 comparisons, 201  
*Corchoris argillicola* *M.J.Moeaha & P.J.D.Winter*, 169  
 correct name, 171  
 Craven, P. & Vorster, P. Patterns of plant diversity and endemism in Namibia, 175  
*Crocoidae*, subfamily, Iridaceae, 57  
 Crouch, N.R., 73, 174  
 Cupido, C.N. A taxonomic revision of the genus *Merciera* (Campanulaceae), 1  
*Danthonioideae*, subfamily, Poaceae, 157  
 distribution, 13, 174, 191  
 Dold, A.P. & Brink, E. *Drimia montana* (Urgineoideae), a new species from Eastern Cape, South Africa (Hyacinthaceae), 64  
*Drimia montana* *A.P.Dold & E.Brink*, 64  
 Duncan, G.D. & Edwards, T.J. Three new species of *Lachenalia* (Hyacinthaceae: Massonieae) from Western and Northern Cape, South Africa, 147  
 Eastern Cape, 64  
 Edwards, T.J., 147  
 endemism, 45, 175, 191  
*Ericaceae*, 33  
*Erica L.*, 33  
 euryphylla *R.C.Turner*, 35  
 turneri *E.G.H.Oliv*, 33  
*Erica* spp. list, 37  
 Fish, L. Concept of *Stipagrostis uniplumis* var. *uniplumis* redefined to include specimens with hairy glumes (Poaceae), 69  
 Fish, L. A long-awaited name change in *Polypogon* (Poaceae), 70  
 Fish, L. A new species of *Sporobolus* (Sporobolinae) in South Africa (Poaceae), 71  
 Forbes-Hardinge, A., 67  
 Forsyth (*fl.* 1835), 167  
*FSA* region, 63  
 fynbos, 157, 191

Galley, C.A. & Linder, H.P. New species and taxonomic changes within *Pentaschistis* (Danthonioideae, Poaceae) from Western Cape, South Africa, 157

Gariep Centre of Endemism, Namibia, 45

Gauteng, 173

Germishuizen, G. Review: Legumes of the world, edited by Gwilym Lewis, Brian Schrire, Barbara Mackinder & Mike Lock, 2005, 253

*Gladiolus*  
*crispus* L.f., 59  
*flavus* [Sol. in] Aiton. 57  
*laceratus*, Burm.f., 60  
*lineatus* Salisb., 57  
*securiger* Sol. in Aiton., 60

Goldblatt, P. & Manning, J.C. Notes on the systematics and nomenclature of *Tritonia* (Iridaceae: Crocoideae), 57

Goldblatt, P., 86, 139

grassland, 191

guide for authors to *Bothalia*, 243

habit, 91

hairy glumes, 70

Hantam-Roggeveld Centre of Endemism, Northern Cape, 139

Henderson, L. Comparisons of invasive plants in southern Africa originating from southern temperate, northern temperate and tropical regions, 201

Herman, P.P.J., 171

Hyacinthaceae, 64, 86, 147

hybrid, 77

hypothecium, 91

Hypoxidaceae, 13, 133

Hypoxis L., 13

Iridaceae, 57, 139

Ixia  
*amythetina* J.C.Manning & Goldblatt, 139  
*flabellifolia* D.Delaroche, 57  
*gladiolaris* Lam., 57  
*thunbergii* Roem. & Schult., 60  
*undulata* Burm.f., 59

Kamiesberg, 39

Kaokoveld, 45, 75

key  
 Merciera spp., 4  
 Stipagrostis spp. emended, 70

Klopper, R.R., Lemmer, P. & Nel, J. *Cheilanthes deltoidea*, a new locality in Gauteng, South Africa (Pteridophyta: Pteridaceae), 173

KwaZulu-Natal, 73

Lachenalia *J.Jacq. ex Murray*, 147  
*cernua* G.D.Duncan, 150  
*lutea* G.D.Duncan, 147  
*nardousbergensis* G.D.Duncan, 152

Langeberg, Western Cape, 33

Lemmer, P., 173

Linder, H.P., 157

list, 13

Maerua kaokoensis Swanepoel, 81

Malvaceae, 166

Manning, J.C. & Goldblatt, P. New species of Iridaceae from the Hantam-Roggeveld Centre of Endemism, and the Bokkeveld, Northern Cape, South Africa, 139

Manning, J.C. & Goldblatt, P. *Ornithogalum kirstenii* (Albuca group), a new species from Western Cape, South Africa, and new combinations in the group (Hyacinthaceae), 86

Manning, J.C., 57

Massonieae, tribe, Hyacinthaceae, 147

McKenzie, R.J., Herman, P.P.J. & Barker, N.P. *Arctotis decurrens* (Arctotideae), the correct name for *A. merxmulleri* and *A. scullyi* (Asteraceae), 171

Merciera A.DC., 1, 3  
*azurea* Schltr., 4  
*brevifolia* A.DC., 6  
 var. *leptobola* (A.DC.) Sond., 5  
*eckloniana* H.Buek in Eckl. & Zeyh., 4  
*heteromopha* H.Buek, 8  
*leptoloba* A.DC., 5  
*muraltioides* Schltr., 9  
*tenuifolia* (L.f.) A.DC., 3  
 var. *azurea* (Schltr.) Adamson, 4  
 var. *candolleana* Sond., 3  
 var. *eckloniana* (H.Buek) Sond., 4  
 var. *thunbergiana* Sond., 3  
*tetaloba* C.N.Cupido, 7  
*vaginata* Adamson, 8

*Mesembryanthemum pansifolium* N.E.Br., 166

Mesembryanthemaceae, 163

mine rehabilitation, 101

Moeaha, M.J. A new species of *Corchorus* in southern Africa (Malvaceae), 168

Monberg, B.A. Compiler. South African National Biodiversity Institute: administration and research staff 31 March 2006, publications 1 April 2005–31 March 2006, 223

*Montbretia*  
*lacerata* (Burm.f.) Baker, 60  
*lineata* (Salisb.) Baker, 57

*Moraea marginata* J.C.Manning & Goldblatt, 141

morphology, 45, 91

Moteetee, A. & Van Wyk, B-E. Sesotho names for exotic and indigenous edible plants in southern Africa, 25

Namibia, 39, 45, 81, 175  
 northwestern, 75

natural plant establishment, 101

Nel, J., 173

Nelson, E.C. 'Forsyth (fl. 1835)': a phantom botanical collector at the Cape of Good Hope explained, 167

Nemesia *Vent.*, 39  
 hemiptera K.E.Steiner, 39  
*williamsonii* K.E.Steiner, 39

new  
 combination, 60, 71  
 hybrid, 78  
 locality, 173

new (cont.)  
 name, 87, 88  
 records, 63  
 species, 33, 35, 39, 42, 45, 52, 64, 71, 73, 75, 81, 86, 133, 135, 139, 141, 142, 147, 150, 152, 157, 159, 160, 169  
 status, 60  
 variety, 67  
 nom. nov., 87, 88  
 Northern Cape, 139, 147  
 northwestern  
 Cape, 133  
 Namibia, 75  
 nothosp. nov., 78  
 obituary, 129  
 Oliniaceae, 91  
*Olinia rochetiana* A.Juss., 91  
 Oliver, E.G.H., 33  
 Ornithogaloideae, subfamily, Hyacinthaceae, 86  
 Ornithogalum  
*abyssinicum* (Jacq.) J.C.Manning & Goldblatt, 88  
*abyssinicum* Fresen., 88  
*circinatum* J.C.Manning & Goldblatt, 88  
*circinatum* L.f., 88  
*diphyllum* Baker, 88  
*diphyllum* J.C.Manning & Goldblatt, 88  
*glutinosum* J.C.Manning & Goldblatt, 87  
*hallii* Oberm., 88  
*hallii* (U.Müll.-Dobties) J.C.Manning & Goldblatt, 87  
*kirstenii* J.C.Manning & Goldblatt, 86  
*melleri* Baker, 88  
*neopatersonia* J.C.Manning & Goldblatt, 88  
*soleae* J.C.Manning & Goldblatt, 88  
*uitenhagense* Poelln., 88  
*uitenhagense* (Schönland) J.C.Manning & Goldblatt, 88  
*volutare* J.C.Manning & Goldblatt, 88  
 Passerina *L.*, 191  
 Pentaschistis (*Nees*) Stapf, 157  
*clavata* C.A.Galley, 159  
*horrida* C.A.Galley, 160  
*juncifolia* Stapf, 162  
*trifida* C.A.Galley, 157  
 phenetic, 91  
 phytogeography, 175, 191  
 plant endemism, 45, 175, 191  
 plants  
 edible, 25  
 exotic, 25  
 indigenous, 25  
*Plectronia*  
*ciliata* (Klotzsch ex Eckl. & Zeyh.) D.Dietr., 68  
*klotzschiana* K.Schum., 68  
*pauciflora* Klotzsch ex Eckl. & Zeyh., 68  
*spinosa* Klotzsch ex Eckl. & Zeyh., 68  
 Poaceae, 69–71, 157  
 Polypogon griquensis (*Stapf*) Gibbs Russ. & L.Fish, 71  
 population, 91  
*Psilostoma ciliata* Klotzsch ex Eckl. & Zeyh., 68  
 Pteridaceae, 173  
 Pteridophyta, 173  
 publications by staff, 235  
 pyrite tailings, 101  
 Red Data List, 85, 191  
 Reichardt, M., 101  
 relict, 191  
 Richtersveld, 39  
*Roella tenuifolia* (L.f.) Thunb., 3  
 Romulea singularis J.C.Manning & Goldblatt, 142  
 Rubiaceae, 68  
 Ruschia  
*promontorii* L.Bolus, 163, 166  
*sarmentosa* (*Haw.*) Schwantes, 166  
 Scrophulariaceae, 39  
 Sebola, R.J. & Balkwill, K. Reappraisal and identification of *Olinia rochetiana* (Oliniaceae) in South Africa, 91  
 seed dimorphism, 39  
 Sesotho names, 25  
 Singh, Y. *Hypoxis* (Hypoxidaceae) in Africa: list of species and infraspecific names, 13  
 slimes dams, 101  
 Smith, G.F & Crouch, N.R. *Aloe vanrooyenii*: a distinctive new maculate aloe from KwaZulu-Natal, South Africa (Asphodelaceae), 73  
 Smith, G.F. & Crouch, N.R. Corrections to the eponymy and geographical distribution of *Aloe vanrooyenii* (Asphodelaceae), 174  
 Snijman, D.A. Two new species of *Spiloxene* (Hypoxidaceae) from the northwestern Cape, South Africa, 133  
 South Africa, 1, 33, 45, 64, 71, 73, 91, 133, 139, 147, 157, 173  
 southern Africa, 25, 39, 45, 57, 63, 68, 168, 201  
 sp. nov., 33, 35, 39, 42, 45, 52, 64, 71, 73, 75, 81, 86, 73, 81, 133, 135, 139, 141, 142, 147, 150, 152, 157, 159, 160, 169  
*Spiloxene Salisb.*, 133  
*nana* Snijman, 133  
*pusilla* Snijman, 135  
 Sporobolinae, tribe, Poaceae, 71  
*Sporobolus oxyphyllus* L.Fish, 71  
 stat. nov., 60  
 staff list, 223  
 Steiner, K.E. Two new species of *Nemesia* (Scrophulariaceae) from southern Africa, 39  
*Stipagrostis*  
*hirtigluma* (*Tri. & Rupr.*) De Winter, 69  
 var. *hirtigluma*, 69  
 var. *patula* (Hack) De Winter, 69  
 var. *pearsonii* (Henrard) De Winter, 69  
*uniplumis* (*Licht.*) De Winter, 69  
 var. *intermedia* (*Schweick.*) De Winter, 69  
 var. *neesii* (*Trin. & Rupr.*) De Winter, 69  
 var. *uniplumis*, 69  
 subfamily  
 Crocoideae, Irodaceae, 57  
 Danthonioideae, Poaceae, 157

subfamily (cont.)  
 Ornithogaloideae, Hyacinthaceae, 86  
 Urgineoideae, Hyacinthaceae, 64  
 Swanepoel, W., 75  
 Swanepoel, W. *Maerua kaokoensis*, a new species from Namibia (Capparaceae), 81  
 Swanepoel, W. Two new species of *Commiphora* (Burseraceae) from southern Africa, 45  
 Swanevelder, Z.H., Forbes-Hardinge, A., Truter, J.T. & Van Wyk, A.E. A new variety of *Clivia robusta* (Amaryllidaceae), 66  
 Swanevelder, Z.H., Truter, J.T. & Van Wyk, A.E. A natural hybrid in the genus *Clivia* (Amaryllidaceae), 77  
 synonyms, 13  
 systematics, 57  
 tailings storage facilities (TSFs), 101  
 taxonomy, 1, 13, 33, 39, 45, 57, 64, 66, 68–71, 73, 75, 77, 81, 86, 91, 133, 139, 147, 157, 163, 168, 171  
 temperate and tropical origins, 201  
 Thymelaeaceae, 191  
 Tilney, P.M. & Van Wyk, A.E. Correct author citations for names of three southern African species of *Canthium* (Rubiaceae), 68  
*Trachelium tenuifolium* L.f., 3  
 tribe  
 Arctotideae, Asteraceae, 171  
 Massonieae, Hyacinthaceae, 147  
 Sporobolinae, Poaceae, 71  
*Tritonea lineata* (Salisb.) Ker Gawl., 57  
*Tritonia* Ker Gawl., 57  
*crispa* (L.f.) Ker Gawl., 57  
 var. *parviflora* Baker., 59  
*flabellifolia* (D.Delaroche) G.J.Lewis, 57  
*flava* (Aiton) Ker Gawl., 57  
*gladiolaris* (Lam.) Goldblatt & J.C.Manning, 57  
*lacerata* (Burm.f.) Klatt, 59  
*securigera* (Sol. in Aiton) Ker Gawl., 60  
 subsp. *watermeyeri* (L.Bolus) J.C.Manning & Goldblatt, 57, 60  
*undulata* (Burm.f.) Baker, 57, 59  
*watermeyeri* L.Bolus, 60  
*Tritonixia*  
*lineata* (Salisb.) Klatt, 57  
*undulata* (Burm.f.) Klatt, 59  
 Truter, J.T., 67, 77  
 Turner, R.C. & Oliver, E.G.H. Two new species of *Erica* (Ericaceae) from the Langeberg, Western Cape, South Africa, 33  
 Urgineoideae, subfamily, Iridaceae, 64  
 Van Jaarsveld, E.J., Swanepoel, W. & Van Wyk, A.E. *Aloe kaokoensis*, a new species from the Kaokoveld, northwestern Namibia (Asphodelaceae), 75  
 Van Wyk, A.E., 67, 68, 75, 77, 191  
 Van Wyk, B-E., 25  
 Vanderplank, Helen Joyce (1919–2005), 129  
 var. nov., 67  
 variation, 91  
 vegetation survey, 101  
 vicariance, 191  
 Victor, J.E. Data deficient flags for use in the Red List of South African plants, 85  
 Vorster, P., 175  
 Weiersbye, I.A., Witkowski, E.T.F. & Reichardt, M. Floristic composition of gold and uranium tailings dams, and adjacent polluted areas, on South Africa's deep-level mines, 101  
 Western Cape, 1, 33, 147, 157, 163  
 winter rainfall region, 133  
 Witkowski, E.T.F., 101  
 Zuurbraak Mtn, Western Cape, 37



